

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1-113. (Cancelled)

114. (New) A package system comprising:
a contact lens ready for use in an eye and comprising a contact lens body comprising a hydrophilic polymeric material and a water soluble polymer component;
a liquid medium comprising an amount of the water soluble polymer component in addition to that present in the contact lens body; and
a container holding the contact lens and the liquid medium.

115. (New) The package system of claim 114, wherein the container comprises a cavity structured to hold the contact lens in contact with the liquid medium.

116. (New) The package system of claim 114, wherein the liquid medium includes the water soluble polymer component prior to the liquid medium being placed in contact with the contact lens.

117. (New) The package system of claim 114, wherein the contact lens body is produced using wet cast molding.

118. (New) The package system of claim 114, wherein the contact lens is structured to be disposed of after a single use in an eye.

119. (New) The package system of claim 114, wherein the water soluble polymer component in the contact lens body is physically immobilized by the hydrophilic polymeric material.

120. (New) The package system of claim 114, wherein the water soluble polymer component and the hydrophilic polymeric material form an interpenetrating network or a pseudo interpenetrating network.

121. (New) The package system of claim 114, wherein the hydrophilic polymeric material is obtained by polymerization of at least one hydrophilic monomeric component and at least one cross-linking monomeric component.

122. (New) The package system of claim 114, wherein the water soluble polymer component is a hydrophilic vinylic monomer selected from the group consisting of: vinyl (C₄-C₄₅) alkyl ethers, vinyl (C₇-C₄₉) alkenoic acids and mixtures thereof.

123. (New) The package system of claim 114, wherein the water soluble polymer component is a hydroxy substituted alkyl having between five and forty-five carbon atoms selected from the group consisting of: alkoxy-alkyl, polyalkoxy-alkyl and mono- or bi-cycloaliphatic fumarates; maleates; acrylates; methacrylates; acrylamides; methacrylamides; and mixtures thereof

124. (New) The package system of claim 114, wherein the water soluble polymer component is an acid selected from the group consisting of: acrylic acid, methacrylic acid, amino substituted acrylic monomers, mono-amino substituted acrylic monomers, di-amino substituted acrylic monomers, and mixtures thereof.

125. (New) The package system of claim 114, wherein the water soluble polymer component is vinyl-lactams and mixtures thereof.

126. (New) The package system of claim 114, wherein the water soluble polymer component is selected from the group consisting of polyalkylene glycols, polyvinyl pyrrolidone, polymethacrylic acid, polyvinyl alcohol and mixtures thereof.

127. (New) A package system comprising:
a cavity;
a contact lens disposed in the cavity, the contact lens comprising a hydrophilic polymeric material and a water soluble polymer component;
a liquid disposed in the cavity and in contact with the contact lens, the liquid including an additional amount of the water soluble polymer; and
a seal surrounding the cavity to maintain the contact lens in a sterile environment.

128. (New) The package system of claim 127, wherein the contact lens is a cast molded contact lens.

129. (New) The package system of claim 127, wherein the contact lens is a hydrogel-containing contact lens.

130. (New) The package system of claim 127, wherein the water soluble polymer is present in the contact lens in an amount of about 1% to about 50% by weight of the hydrophilic polymeric material.

131. (New) The package system of claim 127, wherein the water soluble polymer is present in the contact lens in an amount of about 5% to about 40% by weight of the hydrophilic polymeric material.

132. (New) The package system of claim 127, wherein the water soluble polymer is present in the contact lens in an amount of about 10% to about 30% by weight of the hydrophilic polymeric material.

133. (New) The package system of claim 127, wherein the water soluble polymer is polyethylene glycol.

134. (New) The package system of claim 127, wherein the contact lens comprises at least two water soluble polymers.

135. (New) The package system of claim 127, wherein the liquid is an aqueous liquid.

136. (New) The package system of claim 127, wherein the liquid comprises a saline solution.

137. (New) The package system of claim 127, wherein the liquid comprises a buffered saline solution.

138. (New) The package system of claim 127, wherein the package is sterilized.

139. (New) The package system of claim 127, wherein the contact lens is a single use contact lens.

140. (New) The package system of claim 127, wherein the water soluble polymer is selected from the group consisting of polyalkylene glycols, polyvinyl pyrrolidone, polymethacrylic acid, polyvinyl alcohol and mixtures thereof.

141. (New) The package system of claim 127, wherein the hydrophilic polymer comprises at least one monomer selected from the group consisting of hydroxalkyl acrylates, hydroxyalkyl methacrylates, N-vinyl pyrrolidone, acrylamides, vinyl alcohol, hydrophilic polyurethane precursors, glycerol acrylates, glycerol methacrylates, acrylates, methacrylates, and mixtures thereof.

142. (New) A package system comprising:
a cavity;
a contact lens disposed in the cavity, the contact lens comprising a hydrophilic polymeric material and a polyvinyl pyrrolidone water soluble polymer component;
a liquid disposed in the cavity and in contact with the contact lens, the liquid including an additional amount of the polyvinyl pyrrolidone water soluble polymer; and
a seal surrounding the cavity to maintain the contact lens in a sterile environment.
143. (New) The package system of claim 142, wherein the contact lens is a cast molded contact lens.
144. (New) The package system of claim 142, wherein the contact lens is a hydrogel-containing contact lens.
145. (New) The package system of claim 142, wherein the water soluble polymer is present in the contact lens in an amount of about 1% to about 50% by weight of the hydrophilic polymeric material.
146. (New) The package system of claim 142, wherein the water soluble polymer is present in the contact lens in an amount of about 5% to about 40% by weight of the hydrophilic polymeric material.
147. (New) The package system of claim 142, wherein the water soluble polymer is present in the contact lens in an amount of about 10% to about 30% by weight of the hydrophilic polymeric material.
148. (New) The package system of claim 142, wherein the contact lens comprises at least two water soluble polymers.
149. (New) The package system of claim 148, wherein the second water soluble polymer is polyethylene glycol.
150. (New) The package system of claim 142, wherein the liquid is an aqueous liquid.
151. (New) The package system of claim 142, wherein the liquid comprises a saline solution.
152. (New) The package system of claim 142, wherein the liquid comprises a buffered saline solution.
153. (New) The package system of claim 142, wherein the package is sterilized.

154. (New) The package system of claim 142, wherein the contact lens is a single use contact lens.

155. (New) The package system of claim 142, wherein the water soluble polymer is selected from the group consisting of polyalkylene glycols, polyvinyl pyrrolidone, polymethacrylic acid, polyvinyl alcohol and mixtures thereof.

156. (New) The package system of claim 142, wherein the hydrophilic polymer comprises at least one monomer selected from the group consisting of hydroxalkyl acrylates, hydroxyalkyl methacrylates, N-vinyl pyrrolidone, acrylamides, vinyl alcohol, hydrophilic polyurethane precursors, glycerol acrylates, glycerol methacrylates, acrylates, methacrylates, and mixtures thereof.

157. (New) A contact lens comprising a reaction product of a polymerizable composition comprising a hydrophilic polymeric material and a water soluble polymer component, the contact lens being ready for use in an eye, and being disposed in a sealed package containing a liquid containing the water soluble polymer component.

158. (New) The contact lens of claim 157, wherein the lens is a cast molded contact lens.

159. (New) The contact lens of claim 157, wherein the lens contains a hydrogel material.

160. (New) The contact lens of claim 157, wherein the water soluble polymer is present in the contact lens in an amount of about 1% to about 50% by weight of the hydrophilic polymeric material.

161. (New) The contact lens of claim 157, wherein the water soluble polymer is present in the contact lens in an amount of about 5% to about 40% by weight of the hydrophilic polymeric material.

162. (New) The contact lens of claim 157, wherein the water soluble polymer is present in the contact lens in an amount of about 10% to about 30% by weight of the hydrophilic polymeric material.

163. (New) The contact lens of claim 157, wherein the water soluble polymer is polyethylene glycol.

164. (New) The contact lens of claim 157, wherein the contact lens comprises at least two water soluble polymers.

165. (New) The contact lens of claim 157, wherein the liquid is an aqueous liquid.
166. (New) The contact lens of claim 157, wherein the liquid comprises a saline solution.
167. (New) The contact lens of claim 157, wherein the liquid comprises a buffered saline solution.
168. (New) The contact lens of claim 157, wherein the package is sterilized.
169. (New) The contact lens of claim 157, wherein the contact lens is a single use contact lens.
170. (New) The contact lens of claim 157, wherein the water soluble polymer is selected from the group consisting of polyalkylene glycols, polyvinyl pyrrolidone, polymethacrylic acid, polyvinyl alcohol and mixtures thereof.
171. (New) The contact lens of claim 157, wherein the hydrophilic polymer comprises at least one monomer selected from the group consisting of hydroxalkyl acrylates, hydroxyalkyl methacrylates, N-vinyl pyrrolidone, acrylamides, vinyl alcohol, hydrophilic polyurethane precursors, glycerol acrylates, glycerol methacrylates, acrylates, methacrylates, and mixtures thereof.